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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

Eshel Ben-Jacob et al.

Serial No.

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Examiner

Marschel, Ardin H.

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November 28, 2000

Group Art Unit:

1631

For

A METHOD AND APPARATUS FOR DNA BASED SINGLE

ELECTRON LOGIC ELEMENTS

REPLY TO OFFICE ACTION

I hereby certify that this paper for S/N 09/724,436 is being facsimile transmitted to 571-273-0718 at the United States Patent & Trademark Office on the date indicated below

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Date of Signature

Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Office Action, dated July 13, 2005, applicants amend the claims as shown in the Claims section beginning on page 3 of this paper, and present remarks in the Remarks section beginning at page 5 of this paper.